

John

INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: Lake Waterford Dam & Spillway Survey Number: AA-2248
Project: Emergency Repairs to Dam, Replace Spillway Agency: COE/DNR
Site visit by MHT Staff: no XX yes Name L.Bowlin/G. Shaffer Date 06-23-92
Eligibility recommended Eligibility not recommended XX
Criteria: A B C D Considerations: A B C D E F G None

Justification for decision: (Use continuation sheet if necessary and attach map)
The Lake Waterford Dam is an earthen dam dating from the late nineteenth century. Built to serve an adjacent grist mill, the dam and its setting have undergone numerous alterations since its construction. Included in these alterations is the demolition of the mill, the replacement of the wooden spillway with concrete spillway, riser and weir in the 1920s, the installation of gabions and a sheet piling curtain wall for reinforcement (1974, 1991) and the reconfiguration of the road which once crossed the dam. The earthen gravity dam has failed at least three times since 1979, causing loss of historic materials, such as the terra cotta pipes. We believe that the dam does not retain sufficient integrity of design, materials and setting to be eligible for the National Register.

The concrete spillway, riser and weir do not embody distinctive characteristics of a type, period, or method of construction. As a material, reinforced concrete was a popular construction choice for engineering structures in the first decades of the twentieth century, and was often used to replace older timber structures. The spillway, riser and weir design does not appear to represent any technological advancements for their type. In addition, significant portions of the concrete have deteriorated, resulting in spalling, exposed rebar and cracking. A modern wooden footbridge has been incorporated into the spillway configuration.

Dam is in immediate danger of failure and constitutes a public safety issue.

Documentation on the property/district is presented in: Compliance file "Lake Waterford Dam"

Engineering report

Prepared by: Messick & Associates, Whitman, Reardon

L. Bowlin
Reviewer, Office of Preservation Services

June 23, 1992
Date

NR program concurrence: yes no not applicable

R. Anderson
Reviewer, NR program

11-25-94
Date

Survey No. NA 11-2248

MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

I. Geographic Region:

_____	Eastern Shore	(all Eastern Shore counties, and Cecil)
<u>XX</u> _____	Western Shore	(Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
_____	Piedmont	(Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
	Western Maryland	(Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

_____	Paleo-Indian	10000-7500	B.C.	
_____	Early Archaic	7500-6000	B.C.	
_____	Middle Archaic	6000-4000	B.C.	
_____	Late Archaic	4000-2000	B.C.	
_____	Early Woodland	2000-500	B.C.	
_____	Middle Woodland	500	B.C. - A.D.	900
_____	Late Woodland/Archaic	A.D.	900-1600	
_____	Contact and Settlement	A.D.	1570-1750	
_____	Rural Agrarian Intensification	A.D.	1680-1815	
_____	Agricultural-Industrial Transition	A.D.	1815-1870	
XX	Industrial/Urban Dominance	A.D.	1870-1930	
XX	Modern Period	A.D.	1930-Present	
_____	Unknown Period (_____ prehistoric _____ historic)			

III. Prehistoric Period Themes:

- _____ Subsistence
- _____ Settlement
- _____ Political
- _____ Demographic
- _____ Religion
- _____ Technology
- _____ Environmental Adaption

IV. Historic Period Themes:

_____	Agriculture		
<u>XX</u>	Architecture,	Landscape	Architecture,
	and Community	Planning	
<u>XX</u>	Economic	(Commercial	and Industrial)
_____	Government/Law		
_____	Military		
_____	Religion		
_____	Social/Educational/Cultural		
_____	Transportation		

V. Resource Type:

Category: structure

Historic Environment: rural

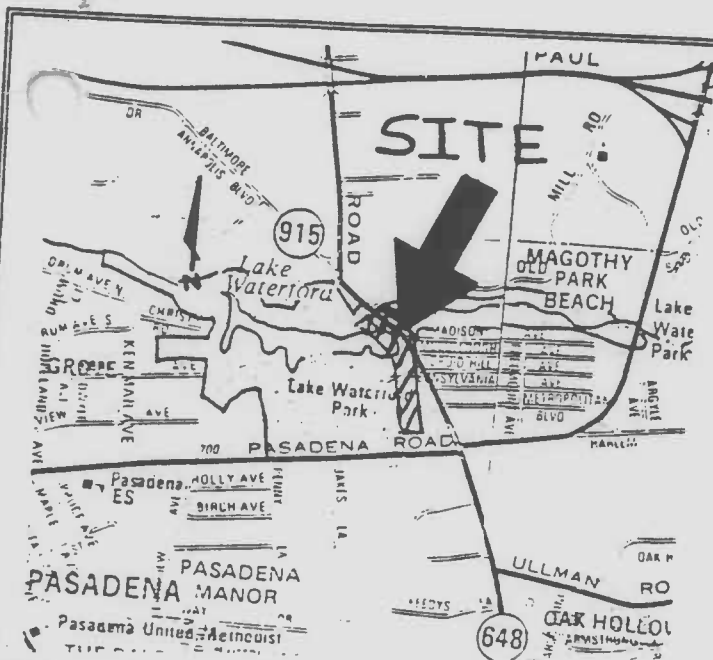
Historic Function(s) and Use(s): engineering/dam

Known Design Source: _____

SANCHO CANTERLAS

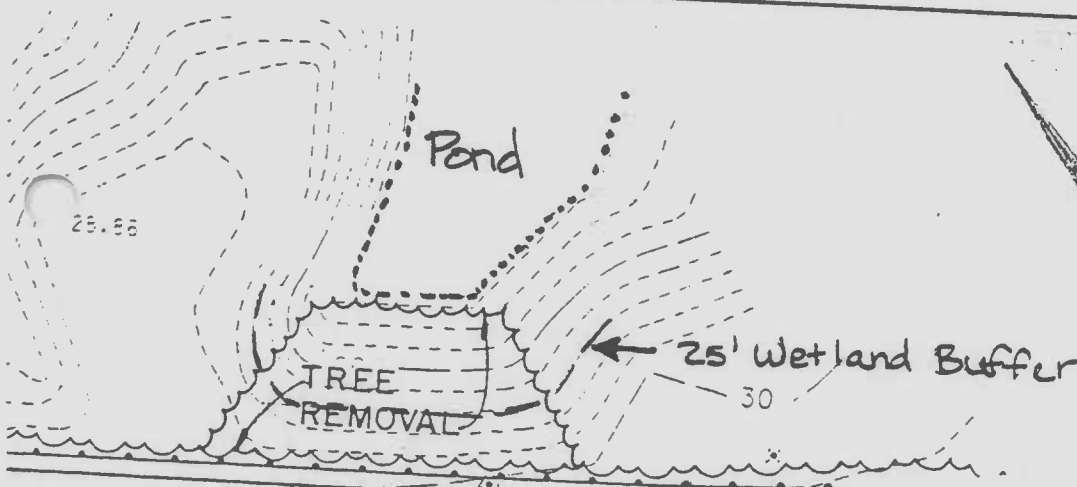
222-7035

AA-2248



VICINITY MAP
SCALE: 1" = 2000'

RECEIVED



Tree Removal
Plan

SCALE: 1" = 40'

OWNER

Anne Arundel County
Dept. of Recreation and
Parks
P. O. Box 2700
Annapolis, MD 21404

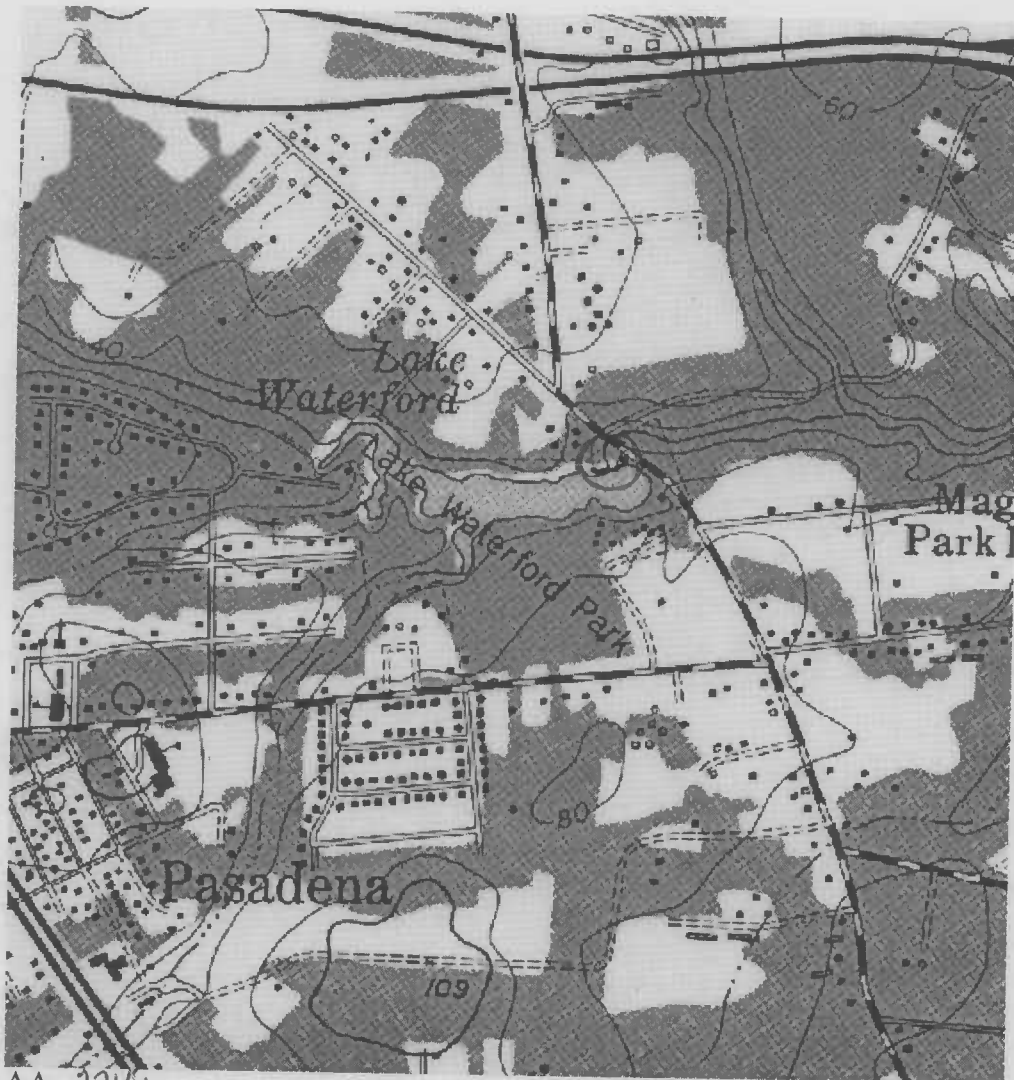
Lake Waterford Dam
Emergency Repairs (under
Administrative Order from
WRA, Dam Safety Division)
Lake Waterford Dam,

Pasadena, Maryland

APPLICATION BY

Whitman, Requardt and Associates
Engineers
2315 Saint Paul Street
Baltimore, Maryland 21218

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Lake Waterford Dam and Spillway
Pasadena
Anne Arundel County
Round Bay Quad